

1
2
3
4 BILL NO. S-77-07-18

5 SPECIAL ORDINANCE NO. S- 154-77

6 AN ORDINANCE approving a contract with
7 MacDonald Machinery Company, Inc. for
8 materials for Water Pollution Control
9 Maintenance.

10 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT
11 WAYNE, INDIANA:

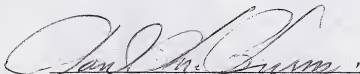
12 SECTION 1. That the contract dated June 28, 1977,
13 between the City of Fort Wayne, by and through its Mayor and the
14 Board of Public Works and MacDonald Machinery Company, Inc., for:

15 1 1977 High Pressure Sewer Cleaner -
16 Truck Mounted

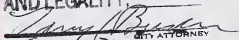
17 Less Trade-In \$17,000.00

18 all as more particularly set forth on City Utilities Purchase
19 Order No. 9051, which is on file in the Office of the Department
20 of Purchasing and is by reference incorporated herein, made a
21 part hereof and is hereby in all things ratified, confirmed and
22 approved.

23 SECTION 2. This Ordinance shall be in full force and
24 effect from and after its passage and approval by the Mayor.

25
26 
27 Councilman

28
29
30
31
32
33
34 APPROVED AS TO FORM
35 AND LEGALITY


36 City Attorney

Read the first time in full and on motion by Burns, seconded by

Hunger, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 7-12-77.

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hunter, and duly adopted, placed on its passage.

PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>HINGA</u>	<u>✓</u>	_____	_____	_____	_____
<u>HUNTER</u>	<u>✓</u>	_____	_____	_____	_____
<u>MOSES</u>	<u>✓</u>	_____	_____	_____	_____
<u>NUCKOLS</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT, D.</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT, V.</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 7-26-77

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. S-154-77 on the 26th day of July, 1977.

ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

John Nuckols
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 27th day of July, 1977 at the hour of 3:00 o'clock P.M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 27th day of July, 1977, at the hour of 5:00 o'clock _____ M., E.S.T.

Rabab Almsbury
MAYOR

Bill No. S-77-07-18

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance
approving a contract with MacDonald Machinery Company, Inc., for
materials for Water Pollution Control Maintenance

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance 28 PASS.

PAUL M. BURNS - CHAIRMAN

FREDRICK R. HUNTER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

JAMES S. STIER

DATE 7-26-77 CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To H. P. Wehrenberg, Board of Works Date June 28, 1977
From Ruth Winget, Purchasing Department
Subject Bid Reference #433, High Pressure Sewer Cleaner

COPIES TO:

J. F. Morreale
J. Moran

Enclosed you will find (Bid Ref. No. 433) relating to Purchase Order No. 9051, prepared favoring MacDonald Machinery Company, Inc. for one (1) High Pressure Sewer Cleaner for Water Pollution Control Maintenance.

Eleven (11) vendors were invited to bid. Five (5) bids were returned with MacDoanald Machinery Company, Inc. being the lowest at \$17,000.00.

Attached are the following documents in support of the recommendation for acceptance of MacDonald Machinery Company, Inc. bid:

1. Bid Tabulation Sheet.
2. Vendors Bids.
3. Purchase Order No. 9051.
4. Copy of Bid Mailing List.

It is urged that in referring this bid-quote to the City Council for enactment of an ordinance, that all of the attached items, together with this memorandum (or copies), be included with the proposed ordinance.

Please make sure that no confirming Purchase Order Number (s) is given to MacDonald Machinery Company, Inc. until evidence of Council approval is furnished to the Purchasing Department.

R. A. Winget
R. A. Winget

Approved: A. C. Lord

A. C. Lord

64-287-20 6/29/77

COMPUTATION OF BIDS High Pressure Sewer Cleaner ID REF. #433 Truck Mounted CLOSING DATE June 21, 1977 WPC Maint.	(1) High Pressure Sewer Cleaner - Truck Mounted			
Sewer - Teck, Inc. E & R Equipment Serv. 11611 Carroll Lynn Drive Fort Wayne, Indiana 46808 Afd. O.K. Bond	1977-F.M.C. 1978-Ford TOTAL \$ <u>24,000.00</u> LESS TAX _____ LESS TRADE <u>3,500.00</u> LESS DISC _____ TOTAL <u>20,500.00</u> Delv. 8-12-77	TRUCK TOTAL \$ <u>Option:</u> LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL <u>1550.00</u> add 1550.00 to pump	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
MacDonald Machinery 3911 Limestone Drive Fort Wayne, Indiana 46825 Afd. O.K. Bond	1977-1080115 Aquatic - Ford F600 1977 TOTAL \$ <u>25,650.00</u> LESS TAX _____ LESS TRADE <u>8,650.00</u> LESS DISC _____ TOTAL <u>17,000.00</u> Delv. 90 days A.R.O.	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
Flexible Pipe Clean. Prod. Rockwell International 1005 Spencerville Road Lima, Ohio 46805 Afd. O.K. Check #998.00 #1844	1977-Mill 752 1978-Ford F600 TOTAL \$ <u>24,000.00</u> LESS TAX _____ LESS TRADE <u>4,040.00</u> LESS DISC _____ TOTAL <u>19,960.00</u> Delv. 75 days receipt of chassis	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
O'Brien Division Conco Inc. - 5636 N.W. Hi Conco Road Chicago, Ill. Mendota, Illinois 61342 Afd. O.K. Check #1199.97 #11090	1978 O'Brien 1978-Ford F600 TOTAL \$ <u>23,999.44</u> LESS TAX _____ LESS TRADE <u>3,000.00</u> LESS DISC _____ TOTAL <u>20,999.44</u> Delv. 20 wk. days receipt of chassis	TOTAL \$ <u>Option:</u> LESS TAX <u>5000.00</u> LESS TRADE <u>1000.00</u> LESS DISC <u>1000.00</u> TOTAL <u>Add #158.60</u>	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
Dy-Namic Hydra Clnr. TV Pipe Inspect. Co. Box 125 Boerne Texas 78006 Afd. O.K. Bond	1977 Dy-Namic 1978-Ford 600 TOTAL \$ _____ LESS TAX _____ LESS TRADE <u>To allow</u> LESS DISC _____ TOTAL <u>21,556.56</u>	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____
Sanitary Hydraulics, Inc. 10900 Cedar Ave. Cleveland Ohio 44106	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____	TOTAL \$ _____ LESS TAX _____ LESS TRADE _____ LESS DISC _____ TOTAL _____

Truck Mounted
LOSING DATE June 21, 1977
WPC Maint.

Seastrom Inc.
2351 Kentucky Ave.
Indianapolis Ave.
46221

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

W. H. Stewart, Inc.
202 Kratz Ave.
Syracuse, N.Y. 13201

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

Acqua Tech Inc.
10620 Ave.
Cleveland, Ohio 44106

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

United Survey, Inc.
25145 Broadway
Cleveland, Ohio 44146

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

FMC Corp. Agri- Mach.
Division
5601 E. Highland Drive
Jonesboro, Arkansas
72401

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

TOTAL \$ _____
LESS TAX _____
LESS TRADE _____
LESS DISC _____
TOTAL _____

CITY OF FORT WAYNE

CITY UTILITIES

DEPARTMENT OF PURCHASES
ROOM 950 CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

MacDonald Machinery Company, Inc.
3911 Limestone Drive
Fort Wayne, Indiana 46825

64-287-20 4/29/77

ORIGINAL

905

PURCHASE ORDER NO.

This number must appear on each packing slip, invoice, bill of lading, express receipt and correspondence.

DATE June 28, 1977

SHIP TO --

Water Pollution Control Maint.
445 East Wallace Street
Fort Wayne, Indiana 46803

MAIL ALL INVOICES TO -

CITY UTILITIES

GENERAL ACCOUNTING
4th FLOOR CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

INVOICE IN DUPLICATE, INCLUDING
CERTIFICATION AS REQUIRED BY
INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR W.O. NO.	UNIT PRICE	TOTAL
	1	1977 High Pressure Sewer Cleaner - Truck Mounted		\$ 25,650.00	
		LESS TRADE-IN (1971 Ford Unit #180)			-8,650.00
				\$ 17,000.00	
		Per Bid Ref. #423 Net P.O.B. Delivered Delivery date - 90 Days			
		<u>SUBJECT TO COUNCILMANIC APPROVAL</u>			
		RW/pl #15			

APPROVED
Board of Public Works

Henry P. Wehring
Edward W. Ramey
May J. Scott

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

SUBJECT TO CONDITIONS ON REVERSE SIDE

BY

CITY UTILITIES PURCHASING AGENT

City Utilities

PURCHASE REQUISITION

Mac Donald Machinery
Co., Ltd.
3911 Limestone Dr

Date May 5, 1977

Please order the following Material for Delivery as Specified:

To be delivered to Water Pollution Control Maint. Req. No. 15

On or before 445 E. Wallace P. O. No. 9051

QUANTITY	DESCRIPTION	DIST. NO.	DEPARTMENT ESTIMATED COST
1	High Pressure Sewer Cleaner 1977 Model Design Truck mounted Patent model design		\$25,650.00
	Less Trade-in (1971 Ford ^{unit} #180) Tractor for this vehicle		- 8,650.00
			\$17,000.00
	Per Bid Ref. # 433 Subject to Councilman's Approval Net		
REMARKS:	F.O.B. Delivered Delivery Date - 90 days A.R.O.		

I hereby certify that the work or supplies above specified are necessary for stock or use in this department.

John C. Moran
Dept. Head

Department

W.P.C. Maint.

5/5/77
Charge Light

Water

Sewage

2133-
Ka

REPLACEMENT VEHICLE REQUEST

5/6/77

Department: City Utilities - WPC M

Driver: _____ Title: _____

Type Car: Sedan 2-door ☐ 4-door ☐ Truck ☐ Van/Station Wagon ☐ Make _____

Trade In: Yes ☒ No ☐ (If yes, give following information): Year 1971

Sedan 2-door ☐ 4-door ☐ Truck ☐ Van/Station Wagon ☐ Make Ford #180

Reason: Excess Repair ☒ High Mileage ☒ Partially Wrecked ☐

Totally Wrecked ☐ High Maintenance ☒

Other: 1-1977 Model Sewer Jet Reg. #15

Approved: Max G. Scott

SIGNED: Richard M. Hyslop

Disapproved: _____

DEPARTMENT: City Utilities, West. Supd.

DATE: 5/9/77

Win #114

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of P. C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department or Division Water Pollution Control Maintenance
445 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bids Tuesday, June 21, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 14506. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
1		1977 High Pressure Sewer Cleaner - Truck mounted per specifications attached.		
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid.		
		Trade-In may be examined at Water Pollution Control Maintenance, 445 East Wallace Street. Contact John Moran, 423-7135.		

Bid Bond required ☐ NO ☒ YES 5% of Bid Performance Bond ☐ NO ☒ YES 100%
 See instruction item No. 14 on reverse side hereof.

Terms --- % cash discount if paid within --- days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and on the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 30 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Ema Here:

MacDonald Machinery Co., Inc.

Name of Company

For 5511 Title 1Address 3911 Limestone Dr.City Fort Wayne, Indiana Date June 21, 1977

Specifications for One (1) new 1977 High Pressure Sewer Cleaner-Truck mounted, including all equipment listed as standard in manufacturer's printed literature describing the vehicle, unless superceded by special equipment specified herein.

Base Price: \$ 25,650.00

Freight: \$ Included

(1) Year: 1977

New latest model and design to use velocity water jets to remove material from storm, sanitary, and combined sewers. The units shall be furnished complete and ready for use. All parts not specifically mentioned which are required for a complete unit.

\$ Included

(2) Tank:

\$ Included

- (A) 1000 gallon minimum capacity w/epoxy finish
- (B) V bottom for sediment collection
- (C) 6 baffles
- (D) Ladder on curb side
- (E) Dump valve at lowest point
- (F) Water level indicator (Non-freezing) shall be provided at operators position.
- (G) Water-tight manhole on tank for inspection and access, easy opening without tools.
- (H) 2-2" filler lines, with air gap anti-syphon system shall be located one on each side of truck. The lines shall be equipped with national standard 2½" fire hydrant brass female swivel fittings.

(3) PUMP:

\$ Included

- (A) Positive displacement, heavy duty single acting triplex pump having a capacity of at least 65 GPM @ 1650 PSI.
- (B) Oil bath crank shaft.
- (C) Belt driver with protective shield.
- (D) The pump shall be capable of running without water for indeterminate periods of time without excessive heat build-up or damage to the plungers or packing material.

(4) Engine:

\$ Included

- (A) Six (6) cylinder, water cooled, heavy duty industrial type having a minimum displacement of 300 cubic inches.
- (B) 12 Volt ignition system with battery and alternator/generator.
- (C) Temperature and Oil gauges.
- (D) Positive locking throttle with emergency release.
- (E) Starter with key lock starting system.
- (F) Heavy duty over center, power take off clutch. Clutch control handle shall be located at operators station.
- (G) Engine fuel tank minimum 20 gal. STD separate from truck fuel tank.

(5) HOSE REEL:

\$ Included

- (A) Designed to carry 1000 feet of 1" high pressure plastic hose.
- (B) 1/4" steel design.
- (C) No elbows shall be used inside outer drum reel.
- (D) Reel shall be hydraulically powered in both directions

- (E) Hydraulic power to be sufficient to retract hose when fully extended into sewer with cleaning nozzle in operation.
- (F) Hydraulic system shall be controlled by one, self neutralizing, multi-directional variable speed valve which will control direction, speed and torque of the reel.
- (G) System shall provide for manual rewind in the event power failure occurs.
- (H) Drip shield under reel.

(6) HOSE:

\$ Included

- (A) Unit shall be equipped with 600 feet of reinforced plastic hose.
- (B) Hose shall have a minimum I.D. of 1" and a minimum burst pressure of 6000 PSI.
- (C) Hose shall be specifically for sewer cleaning application.

(7) PIPING:

\$ Included

- (A) Piping on discharge side of the pump shall be made of schedule 80 black iron pipe.
- (B) All piping shall be installed to drain by gravity through suitable openings equipped with plugs or drain cocks.

(8) CONTROL PANEL:

\$ Included

- (A) Operator shall have complete control of cleaning operation while standing at one location.
- (B) Controls shall include:
 - 1. Engine ignition switch
 - 2. Oil pressure gauge
 - 3. Temperature gauge
 - 4. Ammeter

Sewer Cleaner Truck Mounted Specs page 4

6. Water level sight gauge
7. Water system pressure gauge
8. Water control handle
9. Clutch
10. Hose reel speed and direction
11. Beacon light switch
12. Single lever control with self-neutralizing dead-man feature for operating hydraulic system and hose reel

(9) BODY:

\$ Included

- (A) Storage compartments for long tool storage
- (B) Minimum of two (2) tool compartments, one of either side of unit in addition to storage unit mentioned above.
- (C) Access doors shall be mounted on continuous piano-type hinges and equipped with recessed paddle-type latches. Key operated locks will be furnished with all access door latches.
- (D) Mud flaps and all clearance and running lights shall be included.
- (E) Amber beacon light that meets state and federal regulations

(10) CHASSIS:

\$ Included

- | | | |
|-------------------|-----------------------|--------------------|
| (A) G.V.W. | 20,000# Minimum | \$ <u>Included</u> |
| (B) C A | 84" | \$ <u>Included</u> |
| (C) Engine | 300 C.I. V-8 Min. | \$ <u>Included</u> |
| (D) Alternator | to produce 23A @ idle | \$ <u>Included</u> |
| (E) Front Axle | 5000# Min. | \$ <u>Included</u> |
| (F) Front Springs | H. D. | \$ <u>Included</u> |
| (G) Rear Axle | 15,000# 2 speed | \$ <u>Included</u> |

(H)	Rear Springs	H.D.	\$ <u>Included</u>
(I)	Auxilliary Spring	2,250	\$ <u>Included</u>
(J)	Steering	Power	\$ <u>Included</u>
(K)	Clutch	Heavy Duty	\$ <u>Included</u>
(L)	Battery	Heavy Duty 72A	\$ <u>Included</u>
(M)	Transmission	4 Speed Syncro: no automa- tic	\$ <u>Included</u>
(N)	Heater	HD Fresh Air	\$ <u>Included</u>
(O)	Mirrors	West coast	\$ <u>Included</u>
(P)	Front Tires	8:25 x 20 x 8 Ply	\$ <u>Included</u>
(Q)	Rear Tires	8:25 x 20 x 10 Ply Mud and Snow	\$ <u>Included</u>
(R)	Brakes	Power w/micro-lock	\$ <u>Included</u>
(S)	Rim	Steel Wheel Type	\$ <u>Included</u>
(T)	Lights	per I.C.C. - Cab marker	\$ <u>Included</u>
(U)	Undercoat	complete	\$ <u>Included</u>
(V)	Tow Hooks	Two (2) front	\$ <u>Included</u>
(W)	Wheel	One (1) Spare	\$ <u>Included</u>
(X)	Turn Signal	double face rear: single front	\$ <u>Included</u>

Trade-In Unit #180 - 1971 Ford F600 2 ton F61CCL87799 8 cylinder

Trade-In may be examined at Water Pollution Control Maintenance

445 East Wallace Street - Contact John Moran 423-7135.

TOTAL: \$25,650.00

LESS TAX: \$ --

LESS TRADE-IN: \$ 8,650.00

LESS DISCOUNT: \$ --

TOTAL NET PRICE: \$17,000.00

Delivery Date: 90 days after receipt of order

Warranty: 1 year

SPECIFICATIONS QUESTIONNAIRE

BIDDER'S PROPOSAL

TO BE COMPLETED

BY THE BIDDER(1) Model: 1060 MS Year: 1977 Make: Aquatech

(2) Tank: _____

A. 1000 gallon w/ epoxy finishB. V bottomC. 6 bafflesD. ladder on curb sideE. Dump valve at lowest pointF. Water level indicator as requestedG. Manhole as requestedH. 2 - 2" fill lines as requested

(3) Pump: _____

A. Positive displacement - 65 GPM - 2000 PSIB. Oil bathC. Belt drive w/ protective shieldD. As requested(4) A. Six cylinder; 300 cubic inchesB. 12 volt systemC. Temperature and oil gaugesD. Locking throttle w/ emergency releaseE. Key lock starting systemF. Over center clutch at operators stationG. 20 gallon fuel tank

Specification Questionnaire page 2

(5) Hose Reel:

A. Will carry 1000 feetB. 1/4 inch steelC. As requestedD. As requestedE. As requestedF. As requestedG. Manual rewind - crank typeH. Drip shield under reel

(6) Hose:

A. 600 feet hoseB. As requestedC. As requested

(7) Piping:

A. As requestedB. As requested

(8) Control Panel:

A. As requestedB. Controls1. Engine ignition switch2. Oil pressure gauge3. Temperature gauge4. Ommeter5. --6. Water level gauge7. Pressure gauge8. Water control handle9. Clutch10. Hose reel speed and direction

Specification Questionnaire page 3

11. Beacon light switch12. As requested

(9) Body:

A. As requestedB. As requestedC. As requestedD. As requestedE. As requested

(10) Chassis:

A. G.V.W. 20,000B. C A 84"C. ENGINE 330 C.I. V-8D. ALTERNATOR As requestedE. FRONT AXLE 6,000 lb.F. FRONT SPRINGS Heavy dutyG. REAR AXLE 15,000 lbs. - 2 speedH. REAR SPRINGS Heavy dutyI. AUXILIARY SPRING 2,250 lb.J. STEERING PowerK. CLUTCH Heavy dutyL. BATTERY Heavy duty 72 OMPM. TRANSMISSION 4 speed - syncro.N. HEATER Fresh airO. MIRRORS West coastP. FRONT TIRES 8.25 x 20 x 10 plyQ. REAR TIRES 8.25 x 20 x 10 plyR. BRAKES PowerS. RIM Steel wheel

Specification Questionnaire page 4

T.	<u>LIGHTS</u>	<u>Per I.C.C.</u>
U.	<u>UNDERCOAT</u>	<u>Yes</u>
V.	<u>TOW HOOKS</u>	<u>Yes</u>
W.	<u>SPARE WHEEL</u>	<u>Yes</u>
X.	<u>TURN SIGNAL</u>	<u>Yes</u>

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of P. C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department Water Pollution Control Maintenance
or Division 445 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Tuesday, June 21, 1977 at 10:30 A.M.

Time of Bids Tuesday, June 21, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 14504. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
1		1977 High Pressure Sewer Cleaner - Truck mounted per specifications attached.	SEE PAGE 8	FOR BID PRICE
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid.		
		Trade-In may be examined at Water Pollution Control Maintenance, 445 East Wallace Street. Contact John Moran, 423-7135.		

Bid Bond required ☐ NO ☒ YES 5% of Bid Performance Bond ☐ NO ☒ YES 100%
See instruction item No. 18 on reverse side hereof.
Terms NET % cash discount if paid within 30 days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bid and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications appearing here and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 30 days from receipt of order ☒ YES ☐ NO

IMPORTANT ☒

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here

*SEE COVER LETTER

FLEX-ROD SEWER EQUIPMENT COMPANY

Name of Company
For FLEX-ROD SEWER EQUIPMENT COMPANY Title DISTRIBUTOR

Address 815 SHAWNEE RD.

LIMA, OHIO 45805

6-14-77

Page 1 of 15Ref. No. 433Date Jun 23, 1977

Date wanted _____

Fund
Appropriation No. _____

FLEX-ROD SEWER EQUIPMENT COMPANY

Distributor for
Flexible Pipe Cleaning Products
Rockwell International

PHONE: 419-228-5252

815 SHAWNEE ROAD
LIMA, OHIO 45805

JERIS KUHN, OWNER

JUNE 14, 1977

CITY OF FORT WAYNE
DEPARTMENT OF PURCHASES
ROOM 470
NUMBER ONE MAIN STREET
FORT WAYNE, INDIANA 46803

ATTN: A. C. LORD

RE: BID ON: 1977 HIGH PRESSURE SEWER CLEANER-TRUCK MOUNTED
DUE: TUESDAY, JUNE 21, 1977 AT 10:30 A.M.

GENTLEMEN:

WE ARE PLEASED OFFER FOR YOUR CONSIDERATION OUR BID FOR FURNISHING THE CITY OF FORT WAYNE, INDIANA A ROCKWELL-FLEXIBLE HI-VELOCITY PIPE CLEANING MACHINE, MODEL 752 MOUNTED ON A 1978 FORD CHASSIS MODEL F-600.

WE HAVE ATTACHED OUR CERTIFIED CHECK IN THE AMOUNT OF
\$

SHIPMENT OF THE UNIT CAN BE MADE WITHIN 75 DAYS FROM RECEIPT OF TRUCK CHASSIS FROM ORIGINAL MANUFACTURER. ESTIMATED DELIVERY OF TRUCK CHASSIS, 90 - 120 DAYS.

IF WE ARE FORTUNATE TO RECEIVE YOUR VALUED AWARD, WE WILL PROVIDE A FACTORY-TRAINED REPRESENTATIVE, AT NO ADDITIONAL COST, TO TRAIN THE SELECTED PERSONNEL OF THE CITY OF FORT WAYNE, ON THE PROPER OPERATION AND MAINTENANCE OF THE UNIT.

THE UNIT SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AGAINST DEFECTIVE PARTS AND FAULTY WORKMANSHIP. THE ENGINE, PUMP AND TRUCK SHALL BE COVERED BY THE ORIGINAL MANUFACTURER'S GUARANTEE.

PRICES BID ARE FIRM IF ACCEPTED AND A PURCHASE ORDER IS ISSUED WITHIN A PERIOD OF SIXTY (60) DAYS AFTER BID OPENING.

WE THANK YOU FOR THE OPPORTUNITY OF BIDDING ON YOUR REQUIREMENTS AND SINCERELY HOPE WE WILL MERIT YOUR FAVORABLE CONSIDERATION IN AN AWARD OF CONTRACT.

RESPECTFULLY SUBMITTED

FLEX-ROD SEWER EQUIPMENT COMPANY

Jeris Kuhn
JERIS KUHN

ENCLS:

Specifications for One (1) new 1977 High Pressure Sewer Cleaner-Truck mounted, including all equipment listed as standard in manufacturer's printed literature describing the vehicle, unless superceded by special equipment specified herein.

Base Price: \$ _____

Freight: \$ _____

(1) Year: 1977

New latest model and design to use velocity water jets to remove material from storm, sanitary, and combined sewers. The units shall be furnished complete and ready for use. All parts not specifically mentioned which are required for a complete unit.

\$ _____

(2) Tank:

\$ _____

- (A) 1000 gallon minimum capacity w/epoxy finish
- (B) V bottom for sediment collection
- (C) 6 baffles
- (D) Ladder on curb side
- (E) Dump valve at lowest point
- (F) Water level indicator (Non-freezing) shall be provided at operators position.
- (G) Water-tight manhole on tank for inspection and access, easy opening without tools.
- (H) 2-2" filler lines, with air gap anti-syphon system shall be located one on each side of truck. The lines shall be equipped with national standard 2½" fire hydrant brass female swivel fittings.

(3) PUMP:

\$ _____

- (A) Positive displacement, heavy duty single acting triplex pump having a capacity of at least 65 GPM @ 1650 PSI.
- (B) Oil bath crank shaft.
- (C) Belt driver with protective shield.
- (D) The pump shall be capable of running without water for indeterminate periods of time without excessive heat build-up or damage to the plungers or packing material.

(4) Engine:

\$ _____

- (A) Six (6) cylinder, water cooled, heavy duty industrial type having a minimum displacement of 300 cubic inches.
- (B) 12 Volt ignition system with battery and alternator/generator.
- (C) Temperature and Oil gauges.
- (D) Positive locking throttle with emergency release.
- (E) Starter with key lock starting system.
- (F) Heavy duty over center, power take off clutch. Clutch control handle shall be located at operators station.
- (G) Engine fuel tank minimum 20 gal. STD separate from truck fuel tank.

(5) HOSE REEL:

\$ _____

- (A) Designed to carry 1000 feet of 1" high pressure plastic hose.
- (B) 1/4" steel design.
- (C) No elbows shall be used inside outer drum reel.
- (D) Reel shall be hydraulically powered in both directions

- (E) Hydraulic power to be sufficient to retract hose when fully extended into sewer with cleaning nozzle in operation.
- (F) Hydraulic system shall be controlled by one, self neutralizing, multi-directional variable speed valve which will control direction, speed and torque of the reel.
- (G) System shall provide for manual rewind in the event power failure occurs.
- (H) Drip shield under reel.

(6) HOSE:

\$ _____

- (A) Unit shall be equipped with 600 feet of reinforced plastic hose.
- (B) Hose shall have a minimum I.D. of 1" and a minimum burst pressure of 6000 PSI.
- (C) Hose shall be specifically for sewer cleaning application.

(7) PIPING:

\$ _____

- (A) Piping on discharge side of the pump shall be made of schedule 80 black iron pipe.
- (B) All piping shall be installed to drain by gravity through suitable openings equipped with plugs or drain cocks.

(8) CONTROL PANEL:

\$ _____

- (A) Operator shall have complete control of cleaning operation while standing at one location.
- (B) Controls shall include:
 - 1. Engine ignition switch
 - 2. Oil pressure gauge
 - 3. Temperature gauge
 - 4. Ammeter

6. Water level sight gauge
7. Water system pressure gauge
8. Water control handle
9. Clutch
10. Hose reel speed and direction
11. Beacon light switch
12. Single lever control with self-neutralizing dead-man feature for operating hydraulic system and hose reel,

(9) BODY:

\$ _____

- (A) Storage compartments for long tool storage
- (B) Minimum of two (2) tool compartments, one of either side of unit in addition to storage unit mentioned above.
- (C) Access doors shall be mounted on continuous piano-type hinges and equipped with recessed paddle-type latches. Key operated locks will be furnished with all access door latches.
- (D) Mud flaps and all clearance and running lights shall be included.
- (E) Amber beacon light that meets state and federal regulations

(10) CHASSIS:

\$ _____

- | | | |
|-------------------|-----------------------|----------|
| (A) G.V.W. | 20,000# Minimum | \$ _____ |
| (B) C A | 84" | \$ _____ |
| (C) Engine | 300 C.I. V-8 Min. | \$ _____ |
| (D) Alternator | to produce 23A @ idle | \$ _____ |
| (E) Front Axle | 5000# Min. | \$ _____ |
| (F) Front Springs | H. D. | \$ _____ |
| (G) Rear Axle | 15,000# 2 speed | \$ _____ |

(H)	Rear Springs	H.D.	\$	_____
(I)	Auxilliary Spring	2,250	\$	_____
(J)	Steering	Power	\$	_____
(K)	Clutch	Heavy Duty	\$	_____
(L)	Battery	Heavy Duty 72A	\$	_____
(M)	Transmission	4 Speed Syncro: no automa- tic	\$	_____
(N)	Heater	HD Fresh Air	\$	_____
(O)	Mirrors	West coast	\$	_____
(P)	Front Tires	8:25 x 20 x 8 Ply	\$	_____
(Q)	Rear Tires	8:25 x 20 x 10 Ply Mud and Snow	\$	_____
(R)	Brakes	Power w/Micro-lock	\$	_____
(S)	Rim	Steel Wheel Type	\$	_____
(T)	Lights	per I.C.C. - Cab marker	\$	_____
(U)	Undercoat	complete	\$	_____
(V)	Tow Hooks	Two (2) front	\$	_____
(W)	Wheel	One (1) Spare	\$	_____
(X)	Turn Signal	double face rear: single front	\$	_____

Trade-In Unit #180 - 1971 Ford F600 2 ton F61CCL87799 8 cylinder

Trade-In may be examined at Water Pollution Control Maintenance

445 East Wallace Street - Contact John Moran 423-7135.

TOTAL: \$24,000.00

LESS TAX: \$ NONE

LESS TRADE-IN: \$ 4,040.00

LESS DISCOUNT: \$ NONE

TOTAL NET PRICE: \$19,960.00

Delivery Date: 75 DAYS AFTER RECEIPT OF TRUCK CHASSIS

Warranty: SEE COVER LETTER

SPECIFICATIONS QUESTIONNAIRE

BIDDER'S PROPOSAL

TO BE COMPLETED

BY THE BIDDER

- (1) Model: 752 Year: 1977 Make: ROCKWELL-FLEXIBLE
-
- (2) Tank: 1200 GALLON
- A. 1200 GALLON MINIMUM
 - B. V BOTTOM
 - C. 6 BAFFLES
 - D. LADDER ON CURB SIDE
 - E. DUMP VALVE AT LOWEST POINT
 - F. EXTERNAL SIGHT GAUGE
 - G. TOP REMOVABLE FOR EASE OF INSPECTION AND CLEANING
 - H. FILL SYSTEM SHALL BE OPERABLE FROM EITHER SIDE OF THE TANK
EQUIPPED W/NATIONAL STANDARD 2-1/2 FIRE HYDRANT BRASS FEMALE SWI-
VEL FITTINGS
- (3) Pump: F.W.I. PUMP
- A. HEAVY DUTY TRIPLEX - 70 GPM AGAINST 1250 PSI HEAD AT 500 RPM MAX.
 - B. YES
 - C. MULTIPLE V-BELTS OF THE POWER BAND TYPE
 - D.
 - (4) A. 6 CYLINDER - 300 C.I.D. ENGINE
12 VOLT IGNITION SYSTEM W/BATTERY & ALTERNATOR/GENERATOR
 - B. TEMPERATURE AND OIL GAUGES
 - C. POSITIVE LOCKING THROTTLE W/EMERGENCY RELEASE.
 - D. KEY LOCK STARTER
 - E. OVER-CENTER CLUTCH
 - F. FUEL TANK 19.2 GALLONS
 - G.

Specification Questionnaire page 2

(5) Hose Reel:

- A. REEL CAPACITY 600' OF 1" HIGH PRESSURE PLASTIC HOSE
- B. HEAVY DUTY CONSTRUCTION
- C. THE ENDS SHALL BE ROUNDED TO PREVENT DAMAGE TO HOSE
- D. YES
- E. YES
- F. YES
- G. YES
- H.

(6) Hose:

- A. EQUIPPED WITH 600 FEET OF 1" I.D. HOSE
- B. YES
- C. YES

(7) Piping:

- A. YES
- B. YES

(8) Control Panel:

- A. YES
- B. YES
 - 1. YES
 - 2. YES
 - 3. YES
 - 4. YES
 - 5. YES
 - 6. YES
 - 7. YES
 - 8. YES
 - 9. YES
 - 10. YES

Specification Questionnaire page 3

11. YES12. YES

(9) Body:

A. YESB. FOUR TOOL BOXESC. KEY LOCKS ON ALL ACCESS DOOR LATCHESD. MUD FLAPS AND CLEARANCE AND RUNNING LIGHTSE. YES(10) Chassis: 1978 FORD F-600A. G.V.W. 23,000B. C A 84"C. ENGINE 330V8D. ALTERNATOR 60 AMP ALTERNATORE. FRONT AXLE 7,000F. FRONT SPRINGS 4500G. REAR AXLE 17,500# 2 SPEEDH. REAR SPRINGS 10,590# REAR MAIN SPRINGS, 2250# REAR AUX. SPRINGI. AUXILIARY SPRING 2250#J. STEERING POWERK. CLUTCH HEAVY DUTYL. BATTERY 70 AMPM. TRANSMISSION N.P. 435N. HEATER HD FRESH AIRO. MILNORS WEST COASTP. FRONT TIRES 9:00X20E 10 PLYQ. REAR TIRES 9:00X20E 10 PLY - MUD AND SNOWR. BRAKES POWER W/MICRO-LOCKS. RIM STEEL WHEEL TYPE

Specification Questionnaire page 4

- T. LIGHTS PER I.C.C.
- U. UNDERCOAT YES
- V. TOW HOOKS FRONT TOW HOOKS
- W. SPARE WHEEL YES
- X. TURN SIGNAL YES

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of J. C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

Address
REQUIRED FOR DELIVERY TO:Department
or Division Water Pollution Control Maintenance

445 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing
Time of Bids Tuesday, June 21, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1462. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Page 1 of 1Ref. No. 433Date Mar 23, 1977

Date wanted _____

Fund
Appropriation No. _____

Quantity	Units	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
1		1977 High Pressure Sewer Cleaner - Truck mounted per specifications attached.		\$24,000.00
		Trade Allowance		3,500.00
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid.		
		Net Bid		\$20,500.00
		Trade-In may be examined at Water Pollution Control Maintenance, 445 East Wallace Street. Contact John Moran, 423-7135.		
Option A	See Attached	Add.		\$341.00
Option B	See Attached	Deduct		\$500.00

Bid Bond required ☐ NO ☒ YES 5% of Bid Performance Bond ☐ NO ☒ YES 100%

See Instruction Item No. 18 on reverse side hereof.

Terms 0 % cash discount if paid within 30 days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 1 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here

Geyer-Pech, Inc.

Name of Company

For Jack Geyer Title Asst. Mgr.Address 11611 Carroll Lane Drive

Ft. Wayne, Ind.

423-1000

Specifications for One (1) new 1977 High Pressure Sewer Cleaner-Truck mounted, including all equipment listed as standard in manufacturer's printed literature describing the vehicle, unless superceded by special equipment specified herein.

Base Price: \$ 24,000.00

Freight: \$ NONE

(1) Year: 1977

New latest model and design to use velocity water jets to remove material from storm, sanitary, and combined sewers.

The units shall be furnished complete and ready for use.

All parts not specifically mentioned which are required for a complete unit.

\$ NC

(2) Tank:

\$ NC

(A) 1000 gallon minimum capacity w/epoxy finish

(B) V bottom for sediment collection

(C) 6 baffles

(D) Ladder on curb side

(E) Dump valve at lowest point

(F) Water level indicator (Non-freezing) shall be provided at operators position.

(G) Water-tight manhole on tank for inspection and access, easy opening without tools.

(H) 2-2" filler lines, with air gap anti-syphon system shall be located one on each side of truck. The lines shall be equipped with national standard 2 1/2" fire hydrant brass female swivel fittings.

(3) PUMP:

\$ NC

- (A) Positive displacement, heavy duty single acting triplex pump having a capacity of at least 65 GPM @ 1650 PSI.
- (B) Oil bath crank shaft.
- (C) Belt driver with protective shield.
- (D) The pump shall be capable of running without water for indeterminate periods of time without excessive heat build-up or damage to the plungers or packing material.

(4) Engine:

\$ NC

- (A) Six (6) cylinder, water cooled, heavy duty industrial type having a minimum displacement of 300 cubic inches.
- (B) 12 Volt ignition system with battery and alternator/generator.
- (C) Temperature and Oil gauges.
- (D) Positive locking throttle with emergency release.
- (E) Starter with key lock starting system.
- (F) Heavy duty over center, power take off clutch. Clutch control handle shall be located at operators station.
- (G) Engine fuel tank minimum 20 gal. STD separate from truck fuel tank.

(5) HOSE REEL:

\$ NC

- (A) Designed to carry 1000 feet of 1" high pressure plastic hose.
- (B) 1/4" steel design.
- (C) No elbows shall be used inside outer drum reel.
- (D) Reel shall be hydraulically powered in both directions

- (E) Hydraulic power to be sufficient to retract hose when fully extended into sewer with cleaning nozzle in operation.
- (F) Hydraulic system shall be controlled by one, self neutralizing, multi-directional variable speed valve which will control direction, speed and torque of the reel.
- (G) System shall provide for manual rewind in the event power failure occurs.
- (H) Drip shield under reel.

(6) HOSE:

\$ NC

- (A) Unit shall be equipped with 600 feet of reinforced plastic hose.
- (B) Hose shall have a minimum I.D. of 1" and a minimum burst pressure of 6000 PSI.
- (C) Hose shall be specifically for sewer cleaning application.

(7) PIPING:

\$ NC

- (A) Piping on discharge side of the pump shall be made of schedule 80 black iron pipe.
- (B) All piping shall be installed to drain by gravity through suitable openings equipped with plugs or drain cocks.

(8) CONTROL PANEL:

\$ NC

- (A) Operator shall have complete control of cleaning operation while standing at one location.
- (B) Controls shall include:
 - 1. Engine ignition switch
 - 2. Oil pressure gauge
 - 3. Temperature gauge
 - 4. Ammeter

Sewer Cleaner Truck Mounted Specs page 4

6. Water level sight gauge
7. Water system pressure gauge
8. Water control handle
9. Clutch
10. Hose reel speed and direction
11. Beacon light switch
12. Single lever control with self-neutralizing dead-man feature for operating hydraulic system and hose reel

(9) BODY:

\$ NC

- (A) Storage compartments for long tool storage
- (B) Minimum of two (2) tool compartments, one of either side of unit in addition to storage unit mentioned above.
- (C) Access doors shall be mounted on continuous piano-type hinges and equipped with recessed paddle-type latches. Key operated locks will be furnished with all access door latches.
- (D) Mud flaps and all clearance and running lights shall be included.

(E) Amber beacon light that meets state and federal regulations

(10) CHASSIS:

\$ NC

- | | | |
|-------------------|-----------------------|--------------|
| (A) G.V.W. | 20,000# Minimum | \$ <u>NC</u> |
| (B) C A | 84" | \$ <u>NC</u> |
| (C) Engine | 300 C.I. V-8 Min. | \$ <u>NC</u> |
| (D) Alternator | to produce 23A @ idle | \$ <u>NC</u> |
| (E) Front Axle | 5000# Min. | \$ <u>NC</u> |
| (F) Front Springs | H. D. | \$ <u>NC</u> |
| (G) Rear Axle | 15,000# 2 speed | \$ <u>NC</u> |

(H)	Rear Springs	H.D.	\$ NC
(I)	Auxilliary Spring	2,250	\$ NC
(J)	Steering	Power	\$ NC
(K)	Clutch	Heavy Duty	\$ NC
(L)	Battery	Heavy Duty 72A	\$ NC
(M)	Transmission	4 Speed Syncro: no automa- tic	\$ NC
(N)	Heater	HD Fresh Air	\$ NC
(O)	Mirrors	West coast	\$ NC
(P)	Front Tires	8:25 x 20 x 8 Ply	\$ NC
(Q)	Rear Tires	8:25 x 20 x 10 Ply Mud and Snow	\$ NC
(R)	Brakes	Power w/Micro-lock	\$ NC
(S)	Rim	Steel Wheel Type	\$ NC
(T)	Lights	per I.C.C. - Cab marker	\$ NC
(U)	Undercoat	complete	\$ NC
(V)	Tow Hooks	Two (2) front	\$ NC
(W)	Wheel	One (1) Spare	\$ NC
(X)	Turn Signal	double face rear: single front	\$ NC

Trade-In Unit #180 - 1971 Ford F600 2 ton F61CCL87799 8 cylinder

Trade-In may be examined at Water Pollution Control Maintenance

445 East Wallace Street - Contact John Moran 423-7135.

TOTAL: \$24,000.00

LESS TAX: \$ NONE

LESS TRADE-IN: \$ 3,500.00

LESS DISCOUNT: \$ NONE

TOTAL NET PRICE: \$ 20,500.00

Delivery Date: 8 - 12 weeks

Warranty: 1 year on Jet. Maf. warranty on truck.

SPECIFICATIONS QUESTIONNAIRE

BIDDER'S PROPOSAL

TO BE COMPLETED

BY THE BIDDER(1) Model: 6540-1250 Year: 1977 Make: F.M.C.(2) Tank: As requested

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

(3) Pump: As requested

A. _____

B. _____

C. _____

D. _____

(4) A. As requested

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

Specification Questionnaire page 2

(5) Hose Reel:

- A. As requested
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____

(6) Hose:

- A. As requested
- B. _____
- C. _____

(7) Piping:

- A. As requested
- B. _____

(8) Control Panel:

- A. As requested
- B. _____
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

11. _____

12. _____

(9) Body:

A. As requested

B. _____

C. _____

D. _____

E. _____

(10) Chassis:

	Base Bid	Option A
A. G.V.W.	22000	22000
B. C A	84	84
C. ENGINE	330	361
D. ALTERNATOR	60 AMP	60 AMP
E. FRONT AXLE	7000 LB.	7000 LB.
F. FRONT SPRINGS	3300 LB.	4040 LB.
G. REAR AXLE	17,500 LB. 2 Speed	17,500 LB. 2 Speed
H. REAR SPRINGS	8100 LB.	10,400 LB.
I. AUXILIARY SPRING	2250 LB.	2250 LB.
J. STEERING	Power	Power
K. CLUTCH	HD	HD
L. BATTERY	60	60
M. TRANSMISSION	4 Speed	5 Speed
N. HEATER	Std.	Std.
O. MIRRORS	W.C.	W.C.
P. FRONT TIRES	9.00x20 10 Ply	9.00x20 10 Ply
Q. REAR TIRES	9.00x20 10 Ply MIS	9.00x20 10 Ply MIS
R. BRAKES	Hyd. Vacuum	Hyd. Vacuum
S. RIM	6.5 Disc.	7.0 Cast

Specification Questionnaire page 4

		Base Bid	Option A
		I.C.C.	I.C.C.
T.	LIGHTS		
U.	UNDERCOAT	Complete	Complete
V.	TOW HOOKS	2	2
W.	SPARE WHEEL	1	1
X.	TURN SIGNAL	Std.	Std.

1978 Ford F600 158" W.B. 84" C.A.

Engine - 330 Cu. In. V-8

Transmission - 4 Speed

Front Axle - 7000 LB. I-Beam w/P.S.

Rear Axle - 17500 LB. 2 Speed

Springs, Front - 3300 LB.

Springs, Rear - 8100 LB.

Springs, Aux. - 2250 LB.

Tires - 9.00x20 10 Ply M&S on rear

Wheels - Disc type w/spare

Accessories - 60 AMP Alternator

11.84 S M Frame,

Mirrors, West Coast

Rust Proofing

Micro-Lok Parking Brake

Front Tow Hooks

Delivery of this unit, approximately 12 weeks.

1977 Ford F700 158" W.B. 84" C.A.

Engine - 361 V-8

Clutch - H-D Type

Transmission - 5 Speed H-D Clark

Front Axle - 7000 LB. I-Beam w/P.S.

Rear Axle - 17500 LB. 2 Speed

Front Springs - 4040 LB.

Rear Springs - 10400 LB.

Aux. Springs - 2250 LB.

Tires - 9.00x20 10 Ply M&S Rear

Wheels - 7.0 Cast spare

Accessories - H-D Seat

H-D Rear brakes

60 Amp Alternator

Vacuum Reserve Tank

Front Tow Hooks

19.20 SM Frame

Noise Limited Package

Padded Dash

Lever Type Parking Brake

Delivery of this unit, approximately 4 weeks.

Acceptance of this truck must be by July 5, 1977.

Option B

1250 P.S.I. Pump in lieu of 1650 P.S.I. Pump - Deduct \$500.00

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of P. C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department Water Pollution Control Maintenance

445 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing

Time of Bids Tuesday, June 21, 1977 at 10:30 A.M.

TAKES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX, THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 4404. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 18 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Price
1		1977 High Pressure Sewer Cleaner - Truck mounted per specifications attached.	\$23,999.44
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid.	
		Trade-In may be examined at Water Pollution Control Maintenance, 445 East Wallace Street. Contact John Moran, 423-7135.	3,000.00
		NET F. O. B. DESTINATION	\$20,999.44
		OPTIONAL 50 GALLON FUEL TANK ADD \$158.60	

Bid Bond required ☐ YES ☒ 5% of Bid Performance Bond ☐ YES ☒ 100%
See instruction item No. 18 on reverse side hereof.

Terms NET % cash discount if paid within 30 days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications appearing on the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 20 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

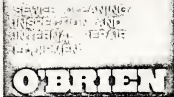
O'BRIEN DIVISION CONCO INC

Name of Company

For Title DIV. MGR

Address CONCO ROAD

City MENDOTA IL 61342 6/16/77



ALL PRICES, F.O.B. XXXXXXXX
DEST.

MENDOTA, ILLINOIS 61342 / PHONE (815) 539-7411

QUOTATION:

For. CITY OF FORT WAYNE
DEPT. OF PURCHASES
ROOM 470 CITY-COUNTY BLDG
Attention. ONE MAIN STREET
FORT WAYNE, IN. 46802

Quotation Date 6/16/77

We are pleased to submit a quotation for the Sewer Cleaning equipment listed below.

- 1 - O'BRIEN WATER JET SEWER CLEANER, Model SKJ-6 Series 612, with self level winding reel, powered by a Ford 300 cu. in. water-cooled engine with clutch, Triplex pump delivering 64 gpm at 1560 psi, 1200 gallon water tank with baffles, four tool boxes built into skirt, standard light group, combination steel rear door and canopy, complete with 600 feet of 1" I.D. high pressure polyurethane hose and the following accessories:

1 - GUIDE ASSEMBLY - AN41502200

- 1 - FIBERGLASS SHOE
- 3 - 3/4" x 4' Pipe w/coupling
- 1 - Upper Guide Pipe
- 1 - Upper Guide Pipe Assembly

1 - WATER FILL HOSE ASSEMBLY -

DAN11501700

Consisting of 25 ft. of 2-1/2" hose complete with fittings

1 - HIGH PRESSURE WASH DOWN

GUN - DAN41225300

Complete with 25 ft. of 1/2" I.D. high pressure hose and quick disconnect fittings

NOZZLE

- 1 - 15° Nozzle - DAN04121405
- 1 - 30° Nozzle - DAN04121401

ONE O'BRIEN SKJ-612 MOUNTED ON A 1978 FORD N612 - - - - - \$23,999.44

LESS TRADE IN - - - - - 3,000.00
\$20,999.44

OPTION 50 GALLON FUEL TANK ON TRUCK - - - - - ADD \$158.60

TERMS: NET 30 DAYS DELIVERY: 20 WORKING DAYS AFTER RECEIPT OF CHASSIS

This quotation becomes a contract for delivery and payment of the merchandise listed above only when signed by the customer or one of its officers.

Customer's Name _____

By _____

Date _____

CONCO INC.
O'BRIEN DIVISION

Jim D. Morgan
Factory Representative

O'BRIEN DIVISION,
CONCO INC.

Specifications for One (1) new 1977 High Pressure Sewer Cleaner-Truck mounted, including all equipment listed as standard in manufacturer's printed literature describing the vehicle, unless superceded by special equipment specified herein.

REFER TO PAGE 8 of 15 FOR TOTAL
NET PRICE

Base Price: \$ _____

Freight: \$ _____

(1) Year: 1977

New latest model and design to use velocity water jets to remove material from storm, sanitary, and combined sewers. The units shall be furnished complete and ready for use. All parts not specifically mentioned which are required for a complete unit.

\$ _____

(2) Tank:

\$ _____

- (A) 1000 gallon minimum capacity w/epoxy finish
- (B) V bottom for sediment collection
- (C) 6 baffles
- (D) Ladder on curb side
- (E) Dump valve at lowest point
- (F) Water level indicator (Non-freezing) shall be provided at operators position.
- (G) Water-tight manhole on tank for inspection and access, easy opening without tools.
- (H) 2-2" filler lines, with air gap anti-syphon system shall be located one on each side of truck. The lines shall be equipped with national standard 2½" fire hydrant brass female swivel fittings.

(3) PUMP:

\$ _____

- (A) Positive displacement, heavy duty single acting triplex pump having a capacity of at least 65 GPM @ 1650 PSI.
- (B) Oil bath crank shaft.
- (C) Belt driver with protective shield.
- (D) The pump shall be capable of running without water for indeterminate periods of time without excessive heat build-up or damage to the plungers or packing material.

(4) Engine:

\$ _____

- (A) Six (6) cylinder, water cooled, heavy duty industrial type having a minimum displacement of 300 cubic inches.
- (B) 12 Volt ignition system with battery and alternator/generator.
- (C) Temperature and Oil gauges.
- (D) Positive locking throttle with emergency release.
- (E) Starter with key lock starting system.
- (F) Heavy duty over center, power take off clutch.
Clutch control handle shall be located at operators station.
- (G) Engine fuel tank minimum 20 gal. STD separate from truck fuel tank.

(5) HOSE REEL:

\$ _____

- (A) Designed to carry 1000 feet of 1" high pressure plastic hose.
- (B) 1/4" steel design.
- (C) No elbows shall be used inside outer drum reel.
- (D) Reel shall be hydraulically powered in both directions

- (E) Hydraulic power to be sufficient to retract hose when fully extended into sewer with cleaning nozzle in operation.
- (F) Hydraulic system shall be controlled by one, self neutralizing, multi-directional variable speed valve which will control direction, speed and torque of the reel.
- (G) System shall provide for manual rewind in the event power failure occurs.
- (H) Drip shield under reel.

(6) HOSE:

\$ _____

- (A) Unit shall be equipped with 600 feet of reinforced plastic hose.
- (B) Hose shall have a minimum I.D. of 1" and a minimum burst pressure of 6000 PSI.
- (C) Hose shall be specifically for sewer cleaning application.

(7) PIPING:

\$ _____

- (A) Piping on discharge side of the pump shall be made of schedule 80 black iron pipe.
- (B) All piping shall be installed to drain by gravity through suitable openings equipped with plugs or drain cocks.

(8) CONTROL PANEL:

\$ _____

- (A) Operator shall have complete control of cleaning operation while standing at one location.
- (B) Controls shall include:
 - 1. Engine ignition switch
 - 2. Oil pressure gauge
 - 3. Temperature gauge
 - 4. Ammeter

Sewer Cleaner Truck Mounted Specs page 4

6. Water level sight gauge
7. Water system pressure gauge
8. Water control handle
9. Clutch
10. Hose reel speed and direction
11. Beacon light switch
12. Single lever control with self-neutralizing dead-man feature for operating hydraulic system and hose reel

(9) BODY:

\$ _____

- (A) Storage compartments for long tool storage
- (B) Minimum of two (2) tool compartments, one of either side of unit in addition to storage unit mentioned above.
- (C) Access doors shall be mounted on continuous piano-type hinges and equipped with recessed paddle-type latches. Key operated locks will be furnished with all access door latches.
- (D) Mud flaps and all clearance and running lights shall be included.
- (E) Amber beacon light that meets state and federal regulations

(10)	CHASSIS:	FORD N-612	23,000	\$ _____
	(A)	G.V.W.	20,000 Minimum	\$ _____
	(B)	C A	84"	\$ _____
	(C)	Engine	300 C.I. V-8 Min.	\$ _____
	(D)	Alternator	to produce 23A @ idle	\$ _____
	(E)	Front Axle	5,000 7,000 # Min.	\$ _____
	(F)	Front Springs	H. D.	\$ _____
	(G)	Rear Axle	10,000 15,160 # 2 speed	\$ _____

(H)	Rear Springs	H.D.	\$ _____
(I)	Auxilliary Spring	2,250	\$ _____
(J)	Steering	Power	\$ _____
(K)	Clutch	Heavy Duty	\$ _____
(L)	Battery	Heavy Duty 72A	\$ _____
(M)	Transmission	4 Speed Syncro: no automa- tic	\$ _____
(N)	Heater	HD Fresh Air	\$ _____
(O)	Mirrors	West coast	\$ _____
(P)	Front Tires	8:25 x 20 x 8 Ply	\$ _____
(Q)	Rear Tires	8:25 x 20 x 10 Ply Mud and Snow	\$ _____
(R)	Brakes	Power w/Micro-lock	\$ _____
(S)	Rim	Steel Wheel Type	\$ _____
(T)	Lights	per I.C.C. - Cab marker	\$ _____
(U)	Undercoat	complete	\$ _____
(V)	Tow Hooks	Two (2) front	\$ _____
(W)	Wheel	One (1) Spare	\$ _____
(X)	Turn Signal	double face rear: single front	\$ _____

Trade-In Unit #180 - 1971 Ford F600 2 ton F61CCL87799 8 cylinder

Trade-In may be examined at Water Pollution Control Maintenance

445 East Wallace Street - Contact John Moran 423-7135.

TOTAL: \$ 23,999.44

LESS TAX: \$ NONE

LESS TRADE-IN: \$ 3,000.00

LESS DISCOUNT: \$ —

TOTAL NET PRICE: \$ 20,999.44

Delivery Date: 20 WORKING DAYS AFTER RECEIPT OF CHASSIS

Warranty: 1 YEAR SEE ATTACHED SHEET

SPECIFICATIONS QUESTIONNAIRE

BIDDER'S PROPOSAL

TO BE COMPLETED

BY THE BIDDER

(1) Model: SKJ-612 Year: 1978 Make: O'BRIEN

(2) Tank: 1200 GAL. BITUMASTIC COATING

A. FLAT BOTTOM WITH SUMP CONSTRUCTED FOR SEDIMENT COLLECTION

B. YES

C. YES

D. YES

E. YES

F. YES

G. REQUIRES REMOVAL WITH STANDARD TOOLS

H. YES

(3) Pump: YES

A. YES

B. YES

C. YES

D. YES

(4) A. YES

B. YES

C. YES

D. YES

E. YES

F. YES

G. YES

Specification Questionnaire page 2

(5) Hose Reel:

- A. YES
- B. YES
- C. YES
- D. YES
- E. YES
- F. O'BRIEN UTILIZES ONE VALVE FOR DIRECTION & ONE VALVE FOR SPEED & TORQUE
- G. YES
- H. YES

(6) Hose:

- A. YES
- B. O'BRIEN HOSE HAS A MIN. BURST PRESSURE OF 5000 PSI BASED ON A 3 to 1
(SAFETY FACTOR)
- C. YES

(7) Piping:

- A. YES
- B. YES

(8) Control Panel:

- A. YES
- B. YES
1. YES
2. YES
3. YES
4. YES
5. YES
6. YES
7. YES
8. YES
9. YES
10. YES

11. YES

12. SEPARATE CONTROLS

(9) Body:

A. YES TOOL BOX ACROSS REAR OF JET 6" X 95" X 32"

B. YES

C. YES

D. MUD FLAPS NOT REQUIRED-O'BRIEN HAS TWO ADDITIONAL TOOL BOXES BEHIND REAR WHEELS

E. YES

(10) Chassis: 1978 FORD LN 600 MODEL N612

A. G.V.W. 23,000#

B. C A 84"

C. ENGINE 330 C. I.D. V8 EXTRA DUTY

D. ALTERNATOR 60 AMP HD

E. FRONT AXLE 7,000#

F. FRONT SPRINGS 3,700# H. D.

G. REAR AXLE 16,160#

H. REAR SPRINGS 9,125# h. d.

I. AUXILIARY SPRING 2,250# AUX.

J. STEERING POWER

K. CLUTCH 13"

L. BATTERY 70 AMP H. D.

M. TRANSMISSION 4 SPEED N. P.

N. HEATER YES

O. MIRRORS 2 WEST COAST

P. FRONT TIRES 8:25 X 20 10 PLY

Q. REAR TIRES 9:00 X 20 10 PLY MUD & SNOW

R. BRAKES VACUUM HYDRAULIC FRONT- 15 X 3 REAR - 15 X 5

S. RIM FRONT - 20 X 6 6 HOLE DISC REAR - 20 X 6.5 6 HOLE DISC

Specification Questionnaire page 4

T. LIGHTS PER I. C. C. - CAR MARKER

U. UNDERCOAT ZIEBART

V. TOW HOOKS TWO FRONT

W. SPARE WHEEL ONE

X. TURN SIGNAL DOUBLE FACE FRONT SINGLE FACE BACK

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of P. C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department Water Pollution Control Maintenance
or Division 445 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bid Tuesday, June 21, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 24508. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.
TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
1		1977 High Pressure Sewer Cleaner - Truck mounted per specifications attached.	\$21,556.56	
				\$21,556.56
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid.		"Net"
		Trade-In may be examined at Water Pollution Control Maintenance, 445 East Wallace Street. Contact John Moran, 423-7135.		
		NO TRADE IN ALLOWANCE <i>P.C.T.</i>		

Bid Bond required ☐ NO ☒ YES 5% of bid Performance Bond ☐ NO ☒ YES 100%
See instruction item No. 18 on reverse side hereof.

Terms % cash discount if paid within days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications appearing and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.
Bids Herein

T V Pipe Inspection Co., Inc.

James P. Sullivan Vice Pres.

Address 3001 Canal St.
Houston, TX.

Page 1 of 17

Ref. No. 433

Date May 23, 1977

Date wanted

Fund
Appropriation No.

6/17/77

(3) PUMP: \$ _____

- (A) Positive displacement, heavy duty single acting triplex pump having a capacity of at least 65 GPM @ 1650 PSI.
- (B) Oil bath crank shaft.
- (C) Belt driver with protective shield.
- (D) The pump shall be capable of running without water for indeterminate periods of time without excessive heat build-up or damage to the plungers or packing material.

(4) Engine: \$ _____

- (A) Six (6) cylinder, water cooled, heavy duty industrial type having a minimum displacement of 300 cubic inches.
- (B) 12 Volt ignition system with battery and alternator/generator.
- (C) Temperature and Oil gauges.
- (D) Positive locking throttle with emergency release.
- (E) Starter with key lock starting system.
- Ford* (F) Heavy duty over center, power take off clutch.

Clutch control handle shall be located at operators station.

- (G). Engine fuel tank minimum 20 gal. STD separate from truck fuel tank.

(5) HOSE REEL: \$ _____

- (A) Designed to carry 1000 feet of 1" high pressure plastic hose.
- (B) 1/4" steel design.

Note

- (C) No elbows shall be used inside outer drum reel.
- (D) Reel shall be hydraulically powered in both directions

Specifications for One (1) new 1977 High Pressure Sewer Cleaner-Truck mounted, including all equipment listed as standard in manufacturer's printed literature describing the vehicle, unless superceded by special equipment specified herein.

Base Price: \$ _____

Freight: \$ _____

(1) Year: 1977

New latest model and design to use velocity water jets to remove material from storm, sanitary, and combined sewers. The units shall be furnished complete and ready for use. All parts not specifically mentioned which are required for a complete unit.

\$ _____

(2) Tank:

\$ _____

- (A) 1000 gallon minimum capacity w/epoxy finish
- (B) V bottom for sediment collection
- (C) 6 baffles
- (D) Ladder on curb side
- (E) Dump valve at lowest point
- (F) Water level indicator (Non-freezing) shall be provided at operators position.
- (G) Water-tight manhole on tank for inspection and access, easy opening without tools.
- (H) 2-2" filler lines, with air gap anti-syphon system shall be located one on each side of truck. The lines shall be equipped with national standard 2 1/2" fire hydrant brass female swivel fittings.

Sewer Cleaner Truck Specs page 3

(E) Hydraulic power to be sufficient to retract hose when fully extended into sewer with cleaning nozzle in operation.

? * (F) Hydraulic system shall be controlled by one, self neutralizing, multi-directional variable speed valve which will control direction, speed and torque of the reel.

(G) System shall provide for manual rewind in the event power failure occurs.

(H) Drip shield under reel.

(6) HOSE:

\$ _____

(A) Unit shall be equipped with 600 feet of reinforced plastic hose.

(B) Hose shall have a minimum I.D. of 1" and a minimum burst pressure of 6000 PSI. No

(C) Hose shall be specifically for sewer cleaning application.

(7) PIPING:

\$ _____

(A) Piping on discharge side of the pump shall be made of schedule 80 black iron pipe.

(B) All piping shall be installed to drain by gravity through suitable openings equipped with plugs or drain cocks.

(8) CONTROL PANEL:

\$ _____

(A) Operator shall have complete control of cleaning operation while standing at one location.

(B) Controls shall include:

1. Engine ignition switch
2. Oil pressure gauge
3. Temperature gauge
4. Ammeter

Sewer Cleaner Truck Mounted Specs page 4

- 6. Water level sight gauge
- 7. Water system pressure gauge
- 8. Water control handle
- 9. Clutch
- 10. Hose reel speed and direction
- 11. Beacon light switch

- 12. Single lever control with self-neutralizing dead-man
feature for operating hydraulic system and hose reel

(9) BODY:

\$ _____

- (A) Storage compartments for long tool storage
- (B) Minimum of two (2) tool compartments, one of either side of unit in addition to storage unit mentioned above.
- (C) Access doors shall be mounted on continuous piano-type hinges and equipped with recessed paddle-type latches. Key operated locks will be furnished with all access door latches.
- (D) Mud flaps and all clearance and running lights shall be included.
- (E) Amber beacon light that meets state and federal regulations

(10) CHASSIS:

\$ _____

- | | | |
|-------------------|-----------------------|----------|
| (A) G.V.W. | 20,000# Minimum | \$ _____ |
| (B) C A | 84" | \$ _____ |
| (C) Engine | 300 C.I. V-8 Min. | \$ _____ |
| (D) Alternator | to produce 23A @ idle | \$ _____ |
| (E) Front Axle | 5000# Min. | \$ _____ |
| (F) Front Springs | H. D. | \$ _____ |
| (G) Rear Axle | 15,000# 2 speed | \$ _____ |

(H)	Rear Springs	H.D.	\$ _____
(I)	Auxilliary Spring	2,250	\$ _____
(J)	Steering	Power	\$ _____
(K)	Clutch	Heavy Duty	\$ _____
(L)	Battery	Heavy Duty 72A 70	\$ _____
(M)	Transmission	4 Speed Syncro: no automa- tic	\$ _____
(N)	Heater	HD Fresh Air	\$ _____
(O)	Mirrors	West coast	\$ _____
(P)	Front Tires	8:25 x 20 x 8 Ply	\$ _____
(Q)	Rear Tires	8:25 x 20 x 10 Ply Mud and Snow	\$ _____
(R)	Brakes	Power w/Micro-lock	\$ _____
(S)	Rim	Steel Wheel Type	\$ _____
(T)	Lights	per I.C.C. - Cab marker	\$ _____
(U)	Undercoat	complete	\$ _____
(V)	Tow Hooks	Two (2) front	\$ _____
(W)	Wheel	One (1) Spare	\$ _____
(X)	Turn Signal	double face rear: single front	\$ _____

Trade-In Unit #180 - 1971 Ford F600 2 ton F61CCL87799 8 cylinder

Trade-In may be examined at Water Pollution Control Maintenance

445 East Wallace Street - Contact John Moran 423-7135.

TOTAL: \$ _____

LESS TAX: \$ _____

LESS TRADE-IN: \$ _____

LESS DISCOUNT: \$ _____

TOTAL NET PRICE: \$ _____

Delivery Date: _____

Warranty: _____

SPECIFICATIONS QUESTIONNAIRE

BIDDER'S PROPOSAL

TO BE COMPLETED

BY THE BIDDER

(1) Model: DHC-3-300T Year: 1977 Make: Dy-Nanic Hydra Cleaner

(2) Tank: 1,200 Gallon

A. Flat Botton with 66 gallon settling area and 2 additional
clean-outs.

B. Five (5) Baffles

C. Remaining items meet specifications as outlined

D. _____

E. _____

F. _____

G. _____

H. _____

(3) Pump: Wheatley -

A. P-323 with 2 1/4" Plungers

B. 65 gpm @ 1650 psi

C. Remaining items meet spcifications as outlined

D. _____

(4) A. Ford, 300 cid with Rockford over-center clutch

B. Meets all specifications

C. _____

D. _____

E. _____

F. _____

G. _____

Specification Questionnaire page 2

(5) Hose Reel:

- A. Meets specifications
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____

(6) Hose:

- A. Meets Specifications
- B. _____
- C. _____

(7) Piping:

- A. Meets Specifications
- B. _____

(8) Control Panel:

- A. Meets Specifications
- B. _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

11. _____

12. _____

(9) Body:

A. Meets Specifications _____

B. _____

C. _____

D. _____

E. _____

(10) Chassis:

A. G.V.W. SEE ATTACHED PROPOSAL _____

B. C A _____

C. ENGINE _____

D. ALTERNATOR _____

E. FRONT AXLE _____

F. FRONT SPRINGS _____

G. REAR AXLE _____

H. REAR SPRINGS _____

I. AUXILLIARY SPRING _____

J. STEERING _____

K. CLUTCH _____

L. BATTERY _____

M. TRANSMISSION _____

N. HEATER _____

O. MIRRORS _____

P. FRONT TIRES _____

Q. REAR TIRES _____

R. BRAKES _____

S. RIM _____

Specification Questionnaire page 4

T. LIGHTSU. UNDERCOATV. TOW HOOKSW. SPARE WHEELX. TURN SIGNAL

Sewer Cleaner - Truck Mounted

High Pressure

BID REF. #433

DATE June 21, 1977

CARDS MAILED

BIDS PICKED UP

BIDS MAILED

VENDORS NAME & ADDRESS

FMC CORP.
5601 E. Highland
Jonesboro, Arkansas

May 26, 1977

Flexible Pipe & Tool
1005 Spencerville Rd.
Lima Ohio 45805

May 26, 1977

Dy-Namic Hydra Cleaners
Box 125
Boerne, Texas 78006

May 26, 1977

O'Brien Mfg. Co.
5636-50 N.W. HiWay
Chicago, Illinois 60646

May 26, 1977

Sanitary Hydraulics, Inc.
10900 Cedar Ave,
Cleveland, Ohio 44106

May 26, 1977

Seastrom Inc.
2351 Kentucky Ave.
Indianapolis, Ind. 46221

May 26, 1977

W. H. Stewart Inc.
202 Kratz Ave
Syracuse N.Y. 13201

May 26, 1977

Accua Tech, Inc.
10620 Cedar Ave
Cleveland, Ohio 44106

May 26, 1977

United Survey, Inc.
25145 Broadway
Cleveland, Ohio 44146

May 26, 1977

MacDonald Machinery
3911 Limestone Drive
Ft. Wayne, Ind. 46825

May 26, 1977

E. R. Equipment Serv.
11611 Carroll Lynn Dr.

June 6, 1977

Ft. Wayne, Indiana 46808 June 6, 1977

TITLE OF ORDINANCE SPECIAL ORDINANCE - CITY UTILITIES PURCHASE ORDER #9051DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

2-77-07-18.

SYNOPSIS OF ORDINANCE CITY UTILITIES PURCHASE ORDER NO. 9051 TO MACDONALD MACHINERY
CO., INC. IN THE AMOUNT OF \$17,000.00 FOR ONE 1977 HIGH PRESSURE SEWER CLEANER -
TRUCK MOUNTED FOR THE WATER POLLUTION CONTROL MAINTENANCE DEPT. BID REF. #433

FIVE BIDS WERE SUBMITTED, THIS ONE BEING THE LOWEST

SEE ATTACHED MEMORANDUM

EFFECT OF PASSAGE ACQUISITION OF HIGH PRESSURE SEWER CLEANER, TRUCK MOUNTED, TO
REMOVE MATERIAL FROM STORM, SANITARY AND COMBINED SEWERS.

EFFECT OF NON-PASSAGE PRESENT UNIT NOT ADEQUATE (1971 MODEL WHICH HAS BEEN
USED CONTINUOUSLY & IN STATE OF DISREPAIR)

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$17,000.00 FROM WPC UTILITY

ASSIGNED TO COMMITTEE

City Utilities